

Cumulative contents of Volume 48

Volume 48, No. 1, January 1996

Papers

P. Lombardo and A. Farina	
Coherent radar detection against k -distributed clutter with partially correlated texture	1
Q.T. Zhang	
A CFAR processor for the detection of unknown random signals in nonstationary correlated noise	17
L. Chen, H. Kusaka, M. Kominami and Q. Yin	
Blind identification of noncausal AR models based on higher-order statistics	27
K.C. Nisbet, B. Mulgrew and S. McLaughlin	
Reduced state methods in nonlinear prediction	37
L.-C. Lin, X.-G. Xia and C.-C. Jay Kuo	
On the convergence of wavelet-based iterative signal extrapolation algorithms	51
Y. Wang and F.M. Wahl	
Interactive multiobjective decision-making approach to image reconstruction from projections	67
D.N. Swingler	
Approximations to the Cramer–Rao lower bound on frequency estimates for complex sinusoids in the presence of sampling jitter	77
D. Kundu	
Modified MUSIC algorithm for estimating DOA of signals	85
Fast communication	
P.T. Harju, T.I. Laakso and S.J. Ovaska	
Applying IIR predictors on Rayleigh fading signal	91

Volume 48, No. 2, January 1996

Papers

I. Dologlou, J.-C. Pesquet and J. Skowranski	
Projection-based rank reduction algorithms for multichannel modelling and image compression	97
H. Zha	
Fast algorithms for direction-of-arrival finding using large ESPRIT arrays	111
S.-C. Pei and S.-B. Jaw	
In-place in-order mixed radix fast Hartley transforms	123
H. Chen, S. Van Huffel and J. Vandewalle	
Bandpass prefiltering for exponential data fitting with known frequency region of interest	135
Q. Ma and C.F.N. Cowan	
Genetic algorithms applied to the adaptation of IIR filters	155
S.-C. Pei and J.-J. Shyu	
General form for designing two-dimensional quadrantally symmetric linear-phase FIR digital filters by analytical least-squares method	165

Volume 48, No. 3, February 1996**Papers**

P.S. Naidu and B. Prabhakar Rao	
Performance analysis of subspace based method for source localization in shallow water	175
E. Abdel-Raheem, F. El-Guibaly and A. Antoniou	
Design of low-delay two-channel FIR filter banks using constrained optimization	183
P. Laguna, R. Jané and P. Caminal	
The adaptive linear combiner with a periodic-impulse reference input as a linear comb filter	193
M. Boumahdi	
Blind identification using the kurtosis with applications to field data	205
K. Maheswara Reddy and V.U. Reddy	
Further results in spatial smoothing	217
K. Kohlmann	
Corner detection in natural images based on the 2-D Hilbert transform	225

Fast communication

L. Favalli, P. Gamba, T. Gatti and A. Mecocci	
Multi-radar data fusion for object tracking and shape estimation	235

Author index of Volume 48	241
--	-----

Cumulative contents of Volume 48	243
---	-----

